

What is Claimed is:

1. A sealing device comprising:

a sealing member brought into contact with a contact surface so as to be slidable in a predetermined sliding direction,

the sealing member comprising

a sliding contact portion containing a high polymer material to be brought into sliding contact with the contact surface, and

a plurality of recessed or protruding streaks, which are independent of one another, provided side by side so as to constitute a column on a surface of the sliding contact portion.

2. The sealing device according to claim 1, wherein the sliding contact portion includes an annular seal lip rotated relative to the contact surface.

3. The sealing device according to claim 2, wherein the sealing member includes a sealing member brought into sliding contact with an outer peripheral surface of a rotating member.

4. The sealing device according to claim 1, wherein the sliding contact portion includes an annular seal lip axially moved relative to the contact surface.

5. The sealing device according to claim 4, wherein the sealing member includes a sealing member brought into sliding contact with a peripheral surface of a linear reciprocating member.

6. The sealing device according to claim 1, further comprising

an annular piston accommodated in an annular accommodation chamber for defining an annular fluid chamber in the annular accommodation chamber,

there being provided a plurality of sealing members,

the plurality of sealing members including inner and outer sealing members provided in the annular piston.

7. The sealing device according to claim 6, wherein the annular accommodation chamber is formed between an inner cylinder and an outer cylinder in the housing, and

an outer peripheral surface of the inner cylinder and an inner peripheral surface of the outer cylinder are respectively provided with contact surfaces respectively corresponding to the inner and outer sealing members.

8. The sealing device according to claim 6, further comprising

an annular partition plate for defining an annular back pressure chamber for applying back pressure to the annular piston,

the plurality of sealing members including an annular sealing member provided on at least the outer periphery of the partition plate.

9. The sealing device according to claim 8, wherein the annular piston comprises an inner cylinder, an outer cylinder, and an annular end wall for connecting respective one ends of the inner cylinder and the outer cylinder,

an inner peripheral surface of the outer cylinder being provided with a contact surface corresponding to the annular sealing member provided on the outer periphery of the partition plate.

10. The sealing device according to claim 6, wherein the annular piston includes a piston for operating a clutch in an automatic transmission of an automobile.

11. The sealing device according to claim 1, wherein there are provided a plurality of columns.

12. The sealing device according to claim 1, wherein the recessed or protruding streaks constituting the adjacent columns are alternately arranged.

13. The sealing device according to claim 2, wherein the recessed or protruding streaks constituting the column are inclined along the circumference of the annular seal lip.

14. The sealing device according to claim 13, wherein the recessed or protruding streaks constituting the column are alternately inclined in opposite directions.

15. The sealing device according to claim 1, wherein the high polymer material includes rubber or synthetic resin.

16. A sliding member brought into contact with a contact surface so as to be slidable in a predetermined sliding direction, comprising:

a sliding contact portion containing a high polymer material to be brought into sliding contact with the contact surface; and

a plurality of recessed or protruding streaks, which are independent of one another, provided side by side so as to constitute a column on a surface of the sliding contact portion.

17. The sliding member according to claim 16, wherein the recessed or protruding streaks constituting the column are alternately inclined in opposite directions in a sliding direction.

18. The sliding member according to claim 16, wherein the high polymer material includes rubber or synthetic resin.